

<b>Course</b>	<b>NSLS Facility-Specific Environment, Safety, and Health (ESH) Briefing for Plant Engineering, Central Shops, Procurement &amp; Property Management, Custodial Staff*</b> (FOR NSLS Buildings 725, 726, 727, 728, Trailers, 535) *Use this form for employees (non-NSLS) performing hands-on work in NSLS controlled areas except employees of Emergency Services and Safeguards & Security, and except Beamline Staff.					
<b>Code</b>	<b>LS-ESH-PESM</b>					
<b>Number</b>	<b>LS-TRN-CRF-0015</b>	<b>Revision</b>	<b>8</b>	<b>Effective</b>	<b>02-28-2008</b>	<b>Page 1 of 2</b>
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**INSTRUCTIONS:** This NSLS Facility-Specific ESH Briefing and GERT are required for Plant Engineering (EP) and Procurement and Property Management (PPM) and other\* personnel to access NSLS Controlled Areas. A designated NSLS trainer (ESH Coordinator, RCD Facility Rep, Building Manager, ESH Specialist, Training Coordinator) is required for INITIAL training only. For refresher training, read, sign and return this document to NSLS Training Coordinator at 725D. For encoded access to NSLS, provide proof of training to NSLS User Administration.

#### FACILITY INFORMATION

##### Phone Numbers

<u>Contact Name</u>	<u>Lab Phone</u>	<u>Pager</u>	<u>Cell Phone</u>
• Building Manager (Bob Kiss)	3476	5827	(631) 457-3078
• Emergencies	2222 or 911		(631) 344-2222
• NSLS Control Room	2550		

#### EMERGENCY INFORMATION

##### Emergency Phone Calls

- Call x2222 or 911 for fire, medical emergencies, serious injury, ambulance, leaks, spills
- Call 344-2222 from cell phones
- Then IMMEDIATELY notify the Control Room (NSLS = x2550, SDL = x5350)
- Report any injuries to your supervisor

##### Alarms & Sirens

###### Building Alarms

- Evacuate Building
- Go to Outdoor Assembly Area
  - For Bldg 725: NSLS Front Lawn
  - For Bldgs 726, 727, 728, 729, trailers: Parking lot adjacent to Brookhaven Ave
  - For Bldg 535: Parking lot in front of building

###### Site-Wide Emergency Siren – Steady Sound

- Go to Indoor Assembly Areas
  - For Bldgs 725, 726, 727, 728, 729, 535 basement, and trailers: NSLS Bldg 725 Main Lobby or Seminar Room

###### Site-Wide Evacuation Siren – Pitch Rises and Falls

- Evacuate BNL site

###### Shelter-In-Place

- If a Shelter-In-Place Emergencies is declared,
  - For Bldg 725 (NSLS) and 729 (SDL): Go to area around VUV Ring in Bldg 725

##### Locations

- Note locations of fire alarm pull boxes, fire extinguishers, nearest exits, phones, and eyewash/shower stations

#### COMPLIANCE WITH PROCEDURES AND REGULATIONS

##### TLDs

- If you are permanently assigned to the NSLS (Building 725 and/or 729), wear your TLD at all times in Controlled Areas (front of body, color bar facing out)
- Non-permanent personnel are not required to wear a TLD in the 725 Controlled Area

##### Postings

- Read & obey all signs
- Do not disturb or move signs or postings without proper authority

##### Radiation Areas

- Do not pass through posted Radiation Areas unless posting states undelayed transit is allowed
- Do not work in a posted Radiation Area UNLESS you meet the qualifications and are signed in on the appropriate Radiological Work Permit
- Nothing is to be removed from posted Activation Areas without a radiological survey

**Shielding**

- Do not climb over any shielding walls or radiation barriers
- Do not move any lead or concrete shielding or work on any beamline hutches UNLESS this has been defined in a Work Permit and a "Safety System Permit" has been posted at the location

**VUV Ring Injections**

- Building 725: Do not linger near the front ends of VUV Beamlines or on the transport line during injections or fills; announcements will be made and a siren sound will occur during these times – typically around 3:30 am, 8:00 am, 12:30 pm, 5:30 pm, and 10:30 pm
- If you are working above the VUV Floor (e.g. on a man lifter or a high step ladder) or on the roof above the VUV Ring, notify the NSLS Control Room Operator prior to this work and maintain contact regarding Ring fills or the end of the job

**Visitors & Escorts**

- Visitors and their escorts need to print and sign their names on the Visitor/Escort forms at the entrance to a Controlled Area
- Visitor MUST be escorted by fully-trained personnel

**Permits/Work Planning**

- Do not interfere with equipment or experimental areas unless work is defined in a Work Permit
- Potentially hazardous operations require permits before work can be performed
- All work must be planned – think about possible hazards prior to performing any work

**Unsafe Conditions**

- Report any unsafe conditions or activities to your supervisor and/or the NSLS Building Manager
- Do not prop open any fire doors or access doors to the building

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**Oxygen Deficiency Alarms**Alarm Locations

- Liquid Nitrogen fill station located at the West Roll Up Door (Rm. 1-151A)
- LEGS Cryolab (Rm. 1-169) – ODH Class 0 area – additional training required for entry
- Mechanical Equipment Rm (MER) A – ODH Class 0 area – additional training required for entry

ODH Alarm Instructions – Should one of these alarms be activated:

- Leave the area immediately – Do not stop to troubleshoot any problem
- If needed, call BNL Emergency Services at x2222
- Call the NSLS Control Room at x2550

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**Other Hazards**Electrical

- Equipment at the NSLS often uses high voltage and currents

Chemicals/Gases

- Experiments use a wide variety of chemicals and gases

Lasers

- Various classifications of lasers are used in experiments at the NSLS

Magnetic Fields

- Magnets are used in many types of equipment at NSLS
- Anyone with medical devices or implants must notify NSLS ESH Staff for guidance

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**Additional Training**Hazardous Operations

- Specialized training shall be completed prior to task performance

Environmental Management – Additional training required for:

- Machine shop operations, lead work, vacuum system work, electrical/mechanical assembly

Source Development Laboratory (SDL, Bldg 729)

- SDL Facility Safety Orientation is required for anyone working within or outside Building 729

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I have read and understand this information.

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Print Name (Trainee)

Sign Name (Trainee)

Life Number

Date

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Print Name (Instructor, initial training only)

Sign Name (Instructor, initial training only)